

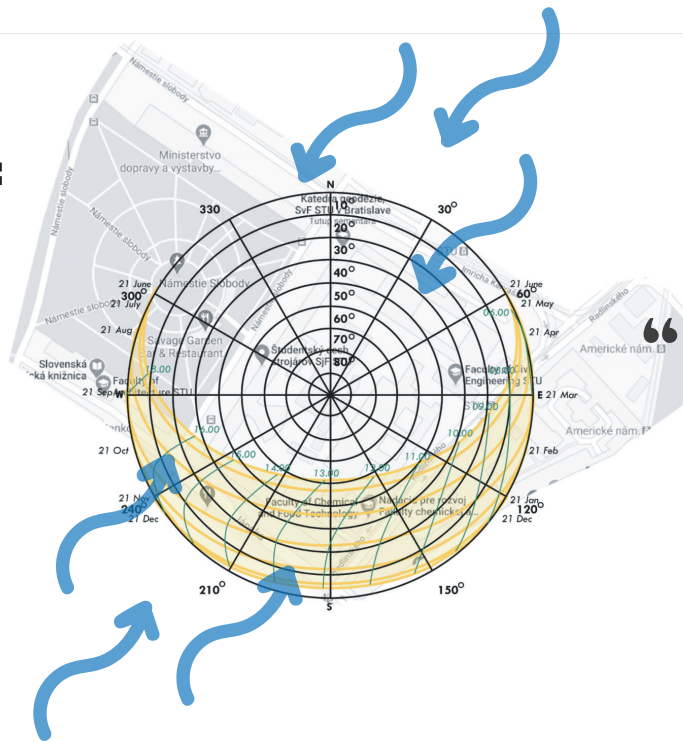
SLOVAK UNIVERSITY of TECHNOLOGY

in Bratislava

Vazovova 5, 812 43 Bratislava 1, Slovak Republic, Europe, Bratislava

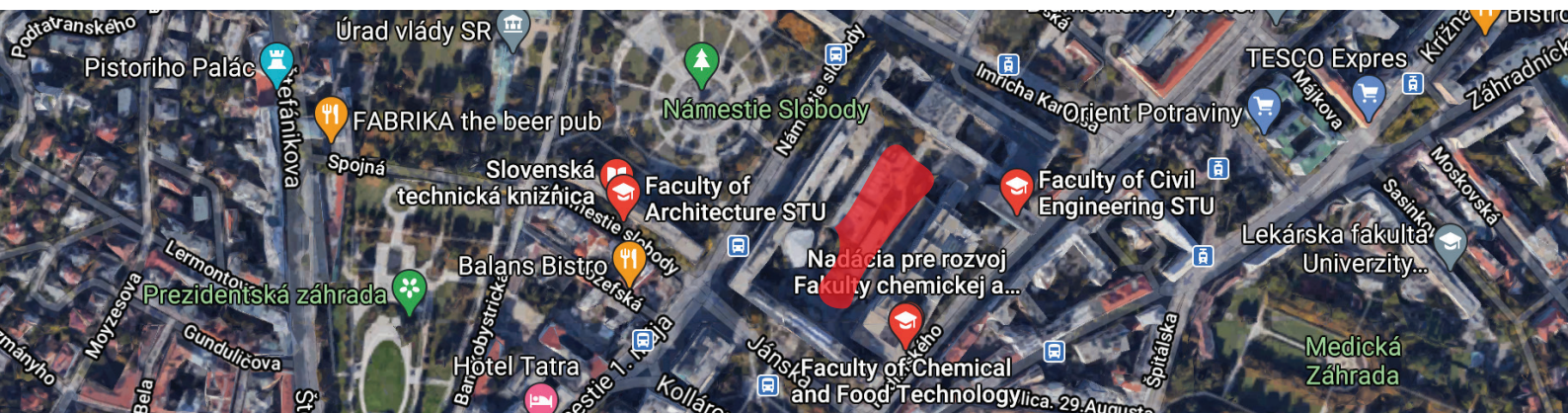
Open space University Center that is adjacent with public spaces, main urban spaces, & important buildings

displays the history and other information about the University to the public (to become visible)



How to create a University Center that could accommodate professional and academic collaboration, also facilitate public presence, as an important urban space that is modern aside from how Slovakia known as their traditionalism

Problem Statement



Commercial Space with Sustainable Approach

Organic Contemporary Design through Human Behaviour with Contrasting Approach

Commercial buildings are used to carry out business activities that aim to generate profits for the owner or user, both in the short and long term. Business activities include building rental offices, hotels, villas, restaurants, and other trading activities.

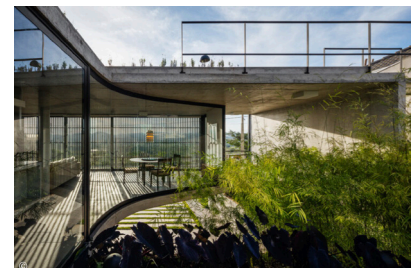
Human behavior of STU residents in old buildings with metropolitan character is encouraged to be more friendly without losing the desire for a more modern nuance

Contemporary architecture is the architecture of the 21st century. No single style is dominant. Contemporary architects work in several different styles, from postmodernism, high-tech architecture and new interpretations of traditional architecture to highly conceptual forms and designs, resembling sculpture on an enormous scale. Material prioritize the use of natural and ecological materials like stone, wood and lime.

Organic architecture is a philosophy of architecture which promotes harmony between human habitation and the natural world. This is achieved through design approaches that aim to be sympathetic and well-integrated with a site, so buildings, furnishings, and surroundings become part of a unified, interrelated composition.



falling water by frank floyd wright



the Boipeba House, designed by daarchitectes

- Simplicity and repose are important qualities to assess the value of architecture. Thus, there is a need to simplify the design of structure, limiting the number of distinct rooms by instead rethinking them as open spaces.
- Doors, windows, and furniture should blend with the ornamentation of the structure.
- A building should appear to grow indigenously from its site and the structure should appear as if created by nature itself.
- The color of fields and woods should inspire the main coloring of the building to manifest natural aesthetics.



Designer Antony Gibbon

DEVELOPMENT

final stage

commercial stage design

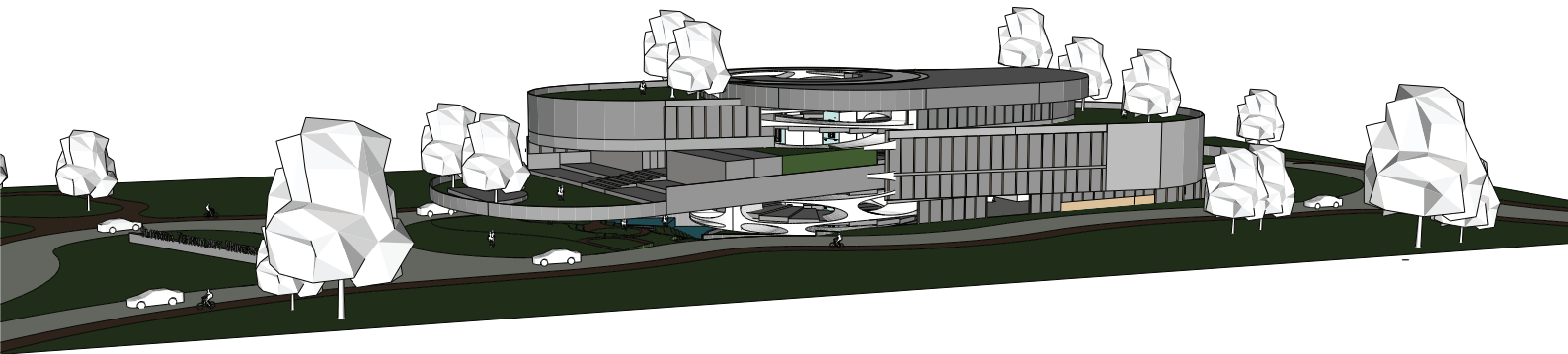
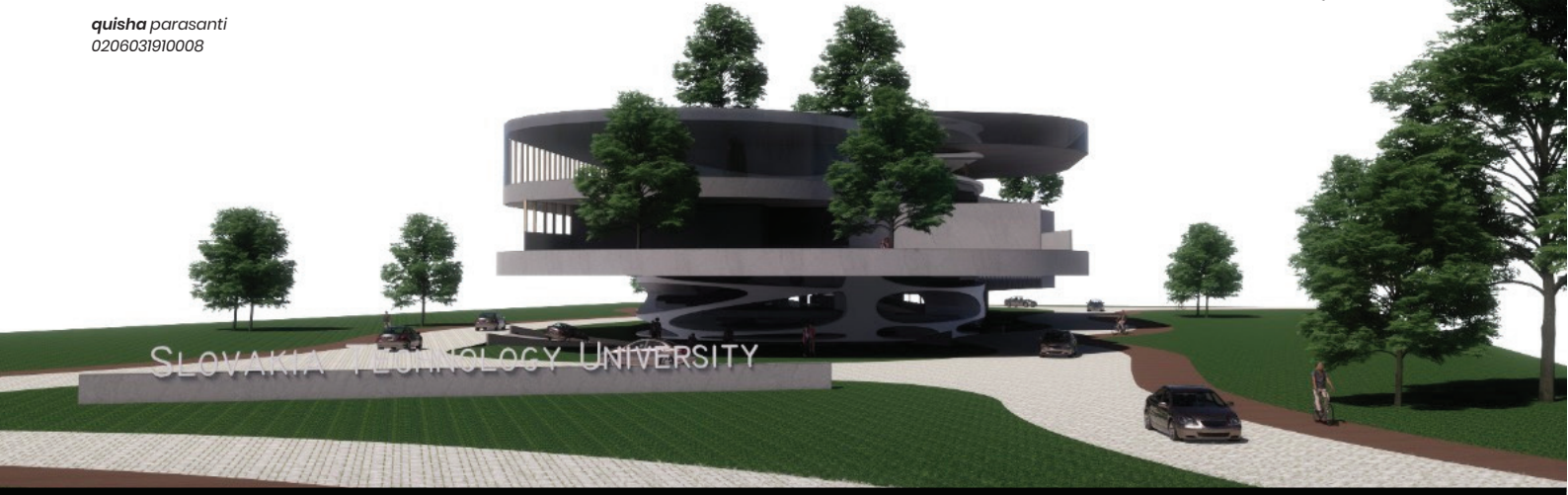
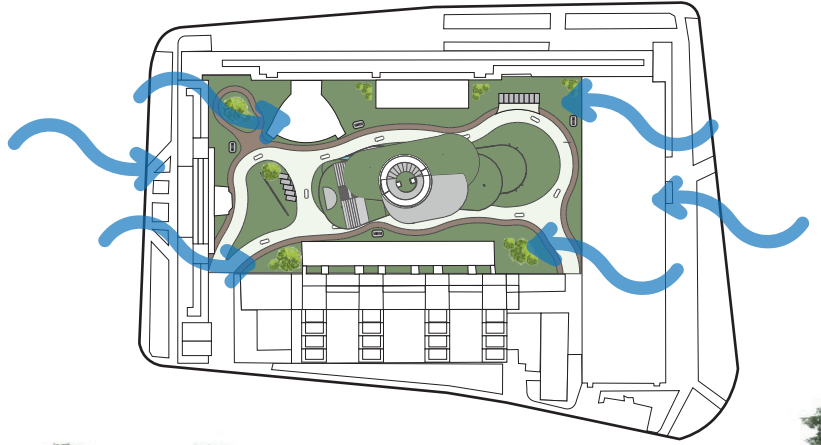
dosen

Yusuf Ariyanto, ST., M.Ars

tutor

Mariane Tunggadewi, ST., M.Ars.

quisha parasanti
0206031910008



SUSTAINABLE STRATEGIES



PANDEMIC RESPONSE



SAVE ENERGIES

40%

Bukaan pasive untuk penerimaan cahaya matahari

10%

Bukaan aktif untuk penerimaan cahaya dan sirkulasi udara

Treecent visualate from tree forms, giving a breathing area through tracing and keep the warm inside with the close and solid shape.

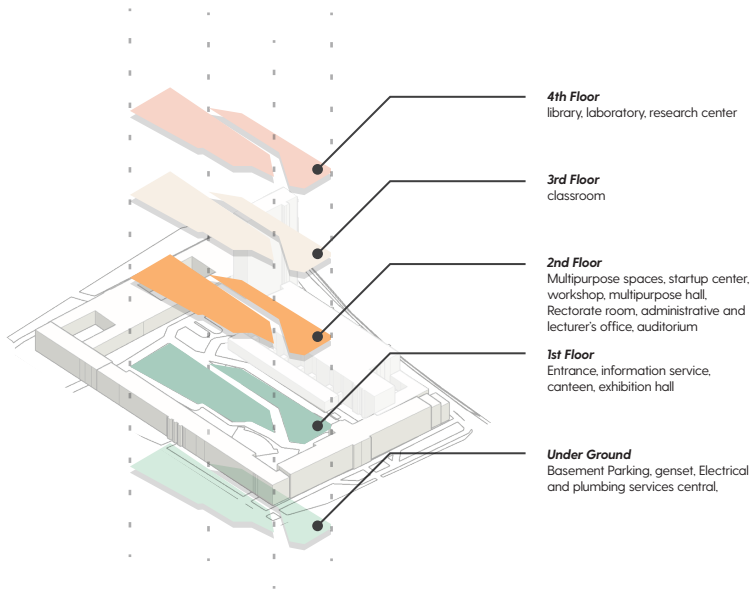
Giving more space for green area to offer the natural environment without leaving a modern impression on the building.

treecent.

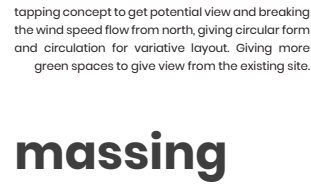
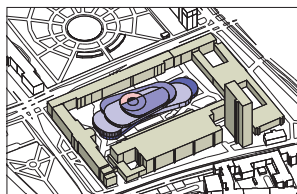
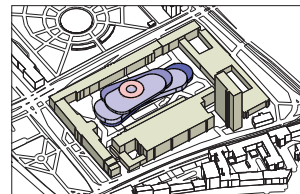
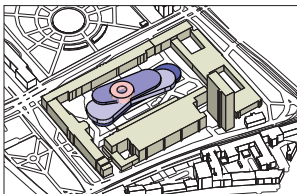
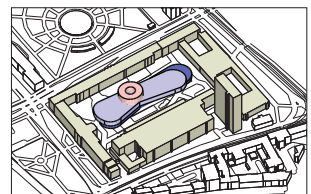
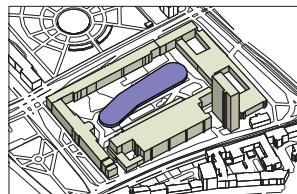
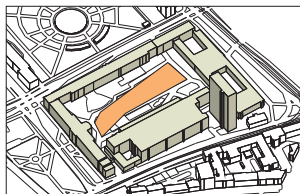
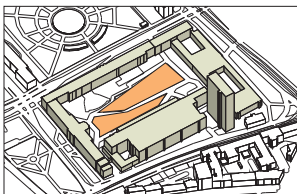
tree center

commercially eye catching with the contrast forms between the existing building.





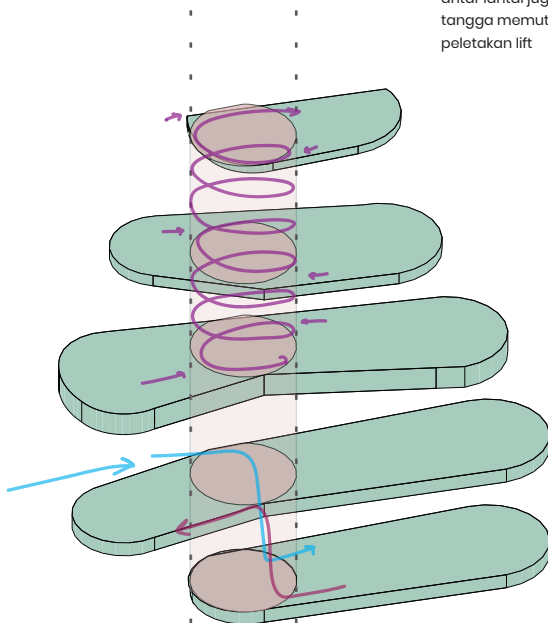
PRIVATE
SEMI-PUBLIC
PUBLIC



tapping concept to get potential view and breaking the wind speed flow from north, giving circular form and circulation for variative layout. Giving more green spaces to give view from the existing site.

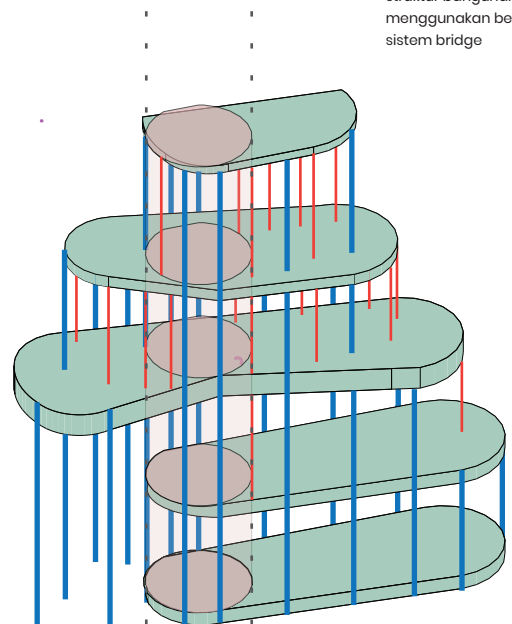
massing

void berguna untuk sirkulasi penghubung antar lantai juga untuk tangga memutar dan peletakan lift



void juga sebagai koneksi dan alur untuk ke underground area parkir dan service area

struktur bangunan menggunakan beberapa sistem bridge



dengan bantuan Menggunakan Tumpukan Bosan pondasi, Sloof, Penahan Beton Dinding, Lantai Beton Plat, Atap Datar, Kolom lebar 500mm, Balok 40x40cm

